

Converting Colors

Hex(0B2340)

Have a look what the booklet for
Hex(0B2340) contains.

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Color

Hex(0B2340)

Conversions

Conversions Part 1

Format	Color
Hex	0B2340
RGB	11, 35, 64
RGB Percent	4%, 14%, 25%
CMY	0.9569, 0.8627, 0.7490
CMYK	0.83, 0.45, 0.00, 0.75
HSL	213°, 71%, 15%
HSV	213°, 83%, 25%
XYZ	1.6645, 1.6434, 5.0800
YIQ	31.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

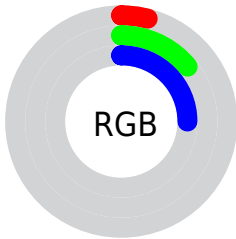
Format	Color
RYB	11, 28, 64
Decimal	729920
CIELab	13.49, 2.72, -21.15
CIELCh	13, 21.326, 277.331
Yxy	1.6434, 0.1984, 0.1959
Android (android.graphics.Color)	4278920000 (0xFF0B2340)
YUV	31.1300, 16.2049, -17.6540
Hunter-Lab	12.8194, 0.7422, -14.5213

Details

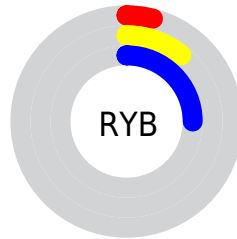
The Hex color **0B2340** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **40280B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3D4F70**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **051F40**, and if you desaturate by 10%, it is **112740**.

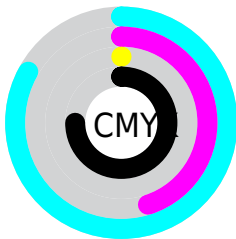
Distribution



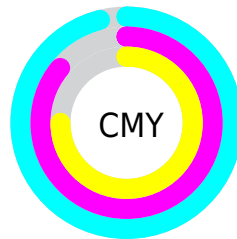
- Red (4%)
- Green (14%)
- Blue (25%)



- Red (4%)
- Yellow (11%)
- Blue (25%)



- Cyan (83%)
- Magenta (45%)
- Yellow (0%)
- Black (75%)



- Cyan (96%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2340 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0B2340 by changing the saturation by 10% instead.

■ 0B2340

■ 0B2340

■ F9FFFF

■ 000D2A

■ 3D4F70

■ 000115

■ 56678A

■ 000000

■ 6F80A4

■ 899ABF

■ A4B5DB

■ C0D0F8

■ DCECFE

■ 0B2340

■ 0B2340

■ 051F40

■ 112740

■ 001D40

■ 182A40

■ 1E2E40

■ 253140

■ 2B3540

■ 313840

■ 383C40

■ 3E3F40

■ 454340

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00273E



0B2340



281D3A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0B2340



3C1811



002917

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0B2340



40280B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182706



0B2340



341E01

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0B2340



3E151F



282300



002A26

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0B2340



331933



282300



092812

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0B2340



3F4954



0B4027



1E242B



ABABAB



2B2B2B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0B2340



012754



0D0B40



1E1F21



002C61



0066E0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



400B23



540127



3E400B



211E1F



61002C



E00066

Previews

White Background



This preview shows how the Hex color 0B2340 looks on a white background.

Color Contrast Check

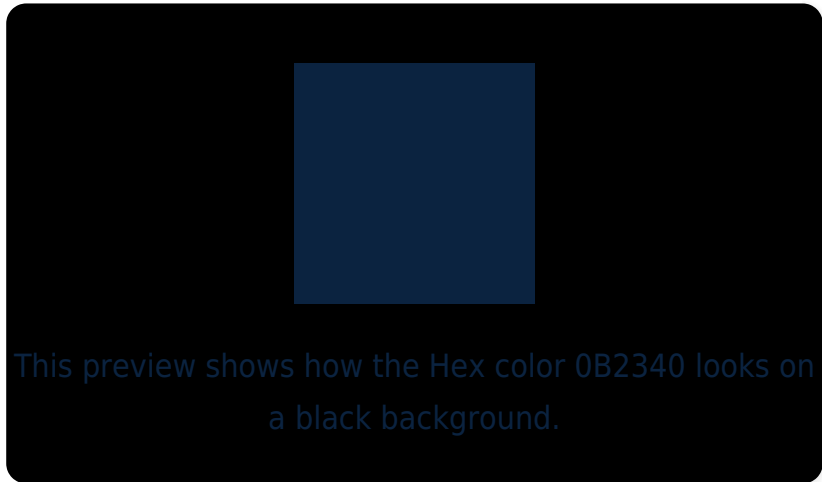
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

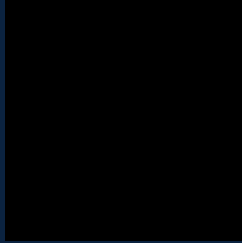
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B2340 Background



This preview shows how black text looks on a background with the Hex color 0B2340.



This preview shows how white text looks on a background with the Hex color 0B2340.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

0B2340

Protanopia

15223F

Deuteranopia

00243F

Trichromacy



Original Color
0B2340

Protanomaly
11223F

Deuteranomaly
04243F

Tritanomaly
042632

Monochromacy



Original Color
0B2340

Achromatopsia
1F1F1F

Achromatomaly
18202B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2340 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0B2340 looks like.

```
.text, #text, p{  
    color:#0B2340  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0B2340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2340
}
```

Border

The CSS property to change the border of an element to Hex 0B2340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B2340 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0B2340 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0B2340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2340; -webkit-box-shadow:4px 4px  
4px 4px #0B2340; box-shadow:4px 4px 4px  
4px #0B2340 }
```

Background

The CSS property to change the background color of an element to Hex 0B2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2340 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0B2340 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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